

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Form PTO-1449

Docket Number	Application Number
23453-012	09/460,708
Applicant(s)	
Michael ZIRNGIBL <i>et al.</i>	
Filing Date	Group Art Unit
December 14, 1999	2421 2129

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
[Signature]	1A	4,156,868	05/29/79	Levinson			
	1B	4,554,418	11/01/85	Toy			
	1C	4,757,525	07/12/88	Matthews et al.			
	1D	4,775,936	10/04/88	Jung			
	1E	4,785,408	11/15/88	Britton et al.			
	1F	4,788,643	11/29/88	Trippe et al.			
	1G	4,812,843	03/14/89	Champion, III et al.			
	1H	4,837,798	06/06/89	Cohen et al.			
	1I	4,868,866	09/19/89	Williams, Jr.			
	1J	4,941,168	07/10/90	Kelly, Jr.			
	1K	4,942,616	07/17/90	Linstroth et al.			
	1L	4,953,085	08/28/90	Atkins			
	1M	4,972,504	11/20/90	Daniel, Jr. et al.			
	1N	4,989,141	01/29/91	Lyons et al.			
	1O	5,021,953	06/04/91	Webber et al.			
	1P	5,101,352	03/31/92	Rembert			
	1Q	5,128,861	07/07/92	Kagami et al.			
1R	5,131,020	07/14/92	Liebesny et al.				
1S	5,168,445	12/01/92	Kawashima et al.				
1T	5,187,735	02/16/93	Herrero Garcia et al.				
1U	5,189,608	02/23/93	Lyons et al.				
1V	5,204,821	04/20/93	Inui et al.				
1W	5,214,689	05/25/93	O'Sullivan				

RECEIVED

DEC 05 2000

Technology Center

**RECEIVED**

DEC 05 2003

Technology Center 2100

**FOREIGN PATENT DOCUMENTS**

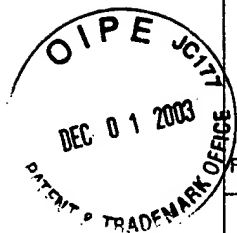
REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO
1X	0878948	11/18/98	Europe				
1Y	0889627	01/07/99	Europe				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

1Z	MSTR001 - Advertisement for Progressive Telecommunications Corporation's OPUS (date unknown).
1AA	MSTR002 - KnowledgeX Workgroup Edition Publication (date unknown).
1BB	MSTR003 - Relational OLAP Server, MicroStrategy; DSS Server Brochure, 1996.
1CC	MSTR004 - Relational OLAP Interface for the Web, 1996.
1DD	MSTR005 - "Andyne Introduces Greater Flexibility for Database Queries; New Query Management Option Provides Enhanced Management for Enterprise-Wide Queries," Business Wire, January 3, 1996. Available from the Dow Jones Interactive Web Site <a href="http://Ptg.djnr.com">http://Ptg.djnr.com</a> .

EXAMINER	DATE CONSIDERED
[Signature]	DEC 10 2003
EXAMINER: "Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant."	





# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Form PTO-1449

Docket Number	Application Number
23453-012	09/460,708
Applicant(s)	
Michael ZIRNGIBL <i>et al.</i>	
Filing Date	Group Art Unit
December 14, 1999	2424-2129

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WS	2A	5,235,680	08/10/93	Bijnagte			
	2B	5,237,499	08/17/93	Garback			
	2C	5,255,184	10/19/93	Hornick et al.			
	2D	5,270,922	12/14/93	Higgins			
	2E	5,323,452	06/21/94	Dickman et al.			
	2F	5,347,632	09/13/94	Filepp et al.			
	2G	5,371,787	12/06/94	Hamilton			
	2H	5,404,400	04/04/95	Hamilton			
	2I	5,406,626	04/11/95	Ryan			
	2J	5,444,768	08/22/95	Lemaire et al.			
	2K	5,452,341	09/19/95	Sattar			
	2L	5,457,904	10/17/95	Colvin			
	2M	5,479,491	12/26/95	Herrero Garcia et al.			
	2N	5,493,606	02/20/96	Osder et al.			
	2O	5,500,793	03/19/96	Deming, Jr et al.			
	2P	5,502,637	03/26/96	Beaulieu et al.			
	2Q	5,539,808	07/23/96	Inniss et al.			
	2R	5,555,403	09/10/96	Cambot et al.			
	2S	5,572,643	11/05/96	Judson			
	2T	5,572,644	11/05/96	Liaw et al.			
	2U	5,576,951	11/19/96	Lockwood			
	2V	5,577,165	11/19/96	Takebayashi et al.			
	2W	5,590,181	12/31/96	Hogan et al.			

RECEIVED

DEC 05 2003

Technology Center 2100

## FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations
						YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

WS	2X	MSTR006 - CATALANO, Carla, "OLAP, Scheduling, Tuning for DBMSs," <u>Computer World</u> , April 1, 1996. Available in DOW JONES INTERACTIVE, <a href="http://www.dowjonesinteractive.com">http://www.dowjonesinteractive.com</a> .
	2Y	MSTR007 - <i>Andyne's Intranet Strategy Brings DSS to the Web; Company Aims to Dramatically Broaden Scope of Reporting, Online Analysis,</i> <u>PR Newswire</u> , September 18, 1996. Available from the Dow Jones Interactive Web Site <a href="http://Ptg.djnr.com">http://Ptg.djnr.com</a> .
	2Z	MSTR008 - SACHS et al., "A First Step on the Path to Automated Flight Reservations," <u>Interactive Voice Technology for Telecommunications</u> , 1996.
	2AA	MSTR009 - BENNACEF et al., "Dialog in the RAILTEL Telephone-Based System," <u>Spoken Language</u> , 1996.

EXAMINER	DATE CONSIDERED
	APR 10 2003
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Form PTO-1449

Docket Number	Application Number
23453-012	09/460,708
Applicant(s)	
Michael ZIRNGIBL <i>et al.</i>	
Filing Date	Group Art Unit
December 14, 1999	2121-2129

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WLS	3A	5,604,528	02/18/97	Edwards et al.			
	3B	5,630,060	05/13/97	Tang et al.			
	3C	5,638,424	06/10/97	Denio et al.			
	3D	5,638,425	06/10/97	Meador, III et al.			
	3E	5,664,115	09/02/97	Fraser			
	3F	5,684,992	11/04/97	Abrams et al.			
	3G	5,689,650	11/18/97	McClelland et al.			
	3H	5,692,181	11/25/97	Anand et al.			
	3I	5,701,451	12/23/97	Rogers et al.			
	3J	5,706,442	01/06/98	Anderson et al.			
	3K	5,710,889	01/20/98	Clark et al.			
	3L	5,712,901	01/27/98	Meermans			
	3M	5,715,370	02/03/98	Luther et al.			
	3N	5,717,923	02/10/98	Dedrick			
	3O	5,724,410	03/03/98	Parvulescu et al.			
	3P	5,724,525	03/03/98	Beyers, II et al.			
	3Q	5,732,216	03/24/98	Logan et al.			
	3R	5,732,398	03/24/98	Tagawa			
	3S	5,737,393	04/07/98	Wolf			
	3T	5,740,429	04/14/98	Wang et al.			
	3U	5,740,829	04/21/98	Jacobs et al.			
	3V	5,742,775	04/21/98	King			
	3W	5,748,959	05/05/98	Reynolds			

**RECEIVED**

DEC 05 2003

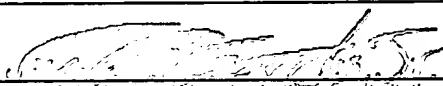
Technology Center 2100

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

JLS	3X	MSTR010 - BROOKS, Peter, "Targeting Customer," <u>DBMS</u> , v9, n13, December 1996, pages 54-58.
	3Y	MSTR011 - "Sterling Software Announces Alliance with Thinking Machines," <u>Business Wire</u> , December 16, 1996. Available from the Dow Jones Interactive Web Site <a href="http://Ptg.djnr.com">http://Ptg.djnr.com</a> .
	3Z	MSTR012 - GUPTA <i>et al.</i> , "Index Selection for OLAP," <u>Proceedings of the 13<sup>th</sup> International Conference on Data Engineering</u> , © 1997.
	3AA	MSTR013 - HO <i>et al.</i> , "Partial-Sum Queries in OLAP Data Cubes Using Covering Codes," <u>PODS'97 Tucson, AZ USA</u> .

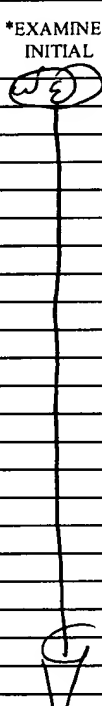
EXAMINER	DATE CONSIDERED
	DEC 05 2003
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	





<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  Form PTO-1449	Docket Number	Application Number
	23453-012	09/460,708
	Applicant(s)	
	Michael ZIRNGIBL <i>et al.</i>	
	Filing Date	Group Art Unit
	December 14, 1999	2421 2129

### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4A	5,751,790	05/12/98	Makihata			
	4B	5,754,858	05/19/98	Broman et al.			
	4C	5,754,939	05/19/98	Herz et al.			
	4D	5,757,644	05/26/98	Jorgensen et al.			
	4E	5,758,088	05/26/98	Bezaire et al.			
	4F	5,758,351	05/26/98	Gibson et al.			
	4G	5,761,432	06/02/98	Bergholm et al.			
	4H	5,764,736	06/09/98	Shachar et al.			
	4I	5,765,028	06/09/98	Gladden			
	4J	5,765,143	06/09/98	Sheldon et al.			
	4K	5,771,172	06/23/98	Yamamoto et al.			
	4L	5,771,276	06/23/98	Wolf			
	4M	5,781,735	07/14/98	Southard			
	4N	5,781,886	07/14/98	Tsujiuchi			
	4O	5,787,151	07/28/98	Nakatsu et al.			
	4P	5,787,278	07/28/98	Barton et al.			
	4Q	SIR H1743	08/04/98	Graves et al.			
	4R	5,793,980	08/11/98	Glaser et al.			
	4S	5,794,246	08/11/98	Sankaran et al.			
	4T	5,797,124	08/18/98	Walsh et al.			
4U	5,799,063	08/25/98	Krane				
4V	5,799,156	08/25/98	Hogan et al.				
4W	5,802,488	09/01/98	Edatsune				

RECEIVED

DEC 05 2000

Technology Center

RECEIVED

DEC 05 2003

Technology Center 2100

### FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES NO

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	4X	MSTR014 - KILMARTIN <i>et al.</i> , "Real Time Stock Price Distribution Utilising the GSM Short Messaging Service," 1997 IEEE International Conference on Personal Wireless, 1997, Abstract.
	4Y	MSTR015 - Data Warehousing: Data Access and Delivery, Infobase Technology Database, 1997, <a href="http://www.dbaint.com/oldinfobase/dwaccdel.html">http://www.dbaint.com/oldinfobase/dwaccdel.html</a> .
	4Z	MSTR016 - GARDNER, Dana Marie, "Cashing in With Data Warehouses and the Web," Data Based Advisor, v15, n2, February 1997, pages 60-63.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Form PTO-1449

Docket Number	Application Number
23453-012	09/460,708
Applicant(s)	
Michael ZIRNGIBL <i>et al.</i>	
Filing Date	Group Art Unit
December 14, 1999	2121 2129

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JS	5A	5,802,526	09/01/98	Fawcett et al.			
	5B	5,806,050	09/08/98	Shinn et al.			
	5C	5,809,483	09/15/98	Broka et al.			
	5D	5,812,987	09/22/98	Luskin et al.			
	5E	5,819,220	10/06/98	Sarukkai et al.			
	5F	5,819,293	10/06/98	Comer et al.			
	5G	5,822,405	10/13/98	Astarabadi			
	5H	5,825,856	10/20/98	Porter et al.			
	5I	5,832,451	11/03/98	Flake et al.			
	5J	5,838,768	11/17/98	Sumar et al.			
	5K	5,848,397	12/08/98	Marsh et al.			
	5L	5,850,433	12/15/98	Rondeau			
	5M	5,852,811	12/22/98	Atkins			
	5N	5,852,819	12/22/98	Beller			
	5O	5,854,746	12/29/98	Yamamoto et al.			
	5P	5,857,191	01/05/99	Blackwell, Jr. et al.			
	5Q	5,864,827	01/26/99	Wilson			
	5R	5,864,828	01/26/99	Atkins			
	5S	5,867,153	02/02/99	Grandcolas et al.			
	5T	5,870,454	02/09/99	Dahlen			
	5U	5,870,724	02/09/99	Lawlor et al.			
	5V	5,870,746	02/09/99	Knutson et al.			
	5W	5,872,921	02/16/99	Zahariev et al.			

**RECEIVED**

DEC 05 2003

Technology Center 2100

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations
						YES NO

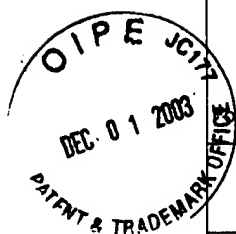
**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

5X	MSTR017 - <i>Intrepid Systems Announces General Availability of DecisionMaster 4.1; Retailing's Premier Decision Support Software Enhancements Automate Information Delivery.</i> Business Wire, May 27, 1997. Available in DOW JONES INTERACTIVE, <a href="http://www.dowjonesinteractive.com">http://www.dowjonesinteractive.com</a> .
5Y	MSTR018 - <i>Blue Isle Software InTouch/2000 Product Overview</i> , Blue Isle Software, Inc. (archived July 7, 1997), <a href="http://www.blueisle.com">http://www.blueisle.com</a> . Available in Internet Archive Waybackmachine <a href="http://www.archive.org">http://www.archive.org</a> .
5Z	MSTR019 - <i>"Blue Isle Software Teams with Arbor Software to Deliver Automated Systems Management Capabilities for Arbor Essbase," Business Wire</i> , October 29, 1997. Available in LEXIS, Nexis Library, ALLNWS file.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Form PTO-1449

Docket Number	Application Number
23453-012	09/460,708
Applicant(s)	
Michael ZIRNGIBL <i>et al.</i>	
Filing Date	Group Art Unit
December 14, 1999	2421-2129

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JD	6A	5,872,926	02/16/99	Levac <i>et al.</i>			
	6B	5,878,403	03/02/99	DeFrancesco <i>et al.</i>			
	6C	5,880,726	03/09/99	Takiguchi <i>et al.</i>			
	6D	5,884,262	03/16/99	Wise <i>et al.</i>			
	6E	5,884,266	03/16/99	Dvorak			
	6F	5,884,285	03/16/99	Atkins			
	6G	5,884,312	03/16/99	Dustan <i>et al.</i>			
	6H	5,890,140	03/30/99	Clark <i>et al.</i>			
	6I	5,893,079	04/06/99	Cwenar			
	6J	5,893,905	04/13/99	Main <i>et al.</i>			
	6K	5,907,598	05/25/99	Mandalia <i>et al.</i>			
	6L	5,907,837	05/25/99	Ferrel <i>et al.</i>			
	6M	5,911,135	06/08/99	Atkins			
	6N	5,911,136	06/08/99	Atkins			
	6O	5,913,195	06/15/99	Weeren <i>et al.</i>			
	6P	5,913,202	06/15/99	Motoyama			
	6Q	5,914,878	06/22/99	Yamamoto <i>et al.</i>			
	6R	5,915,238	06/22/99	Tjaden			
	6S	5,918,213	06/29/99	Bernard <i>et al.</i>			
	6T	5,918,217	06/29/99	Maggioncalda <i>et al.</i>			
	6U	5,918,225	06/29/99	White <i>et al.</i>			
	6V	5,918,232	06/29/99	Pouschine <i>et al.</i>			
	6W	5,920,848	07/06/99	Schutzer <i>et al.</i>			

**RECEIVED**

DEC 05 2003

Technology Center 2100

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

JD	6X	MSTR020 - "Early Warning: Compulogic's Dynamic Query Messenger," <u>Software Futures</u> , November 1, 1997. Available in LEXIS, Nexis Library, ALLNWS file.
	6Y	MSTR021 - KILMARTIN <i>et al.</i> , "Development of an Interactive Voice Response System for a GSM SMS Based Share Price Server," DSP '97 Conference Proceedings, December 1997, Abstract.
	6Z	MSTR022 - AVNUR <i>et al.</i> , "CONTROL: Continuous Output and Navigation Technology with Refinement On-Line," © 1998.
	6AA	MSTR023 - LIANG <i>et al.</i> , "Computing Multidimensional Aggregates in Parallel," 1998 International Conference on Parallel and Distributed Systems, IEEE.

EXAMINER

DATE CONSIDERED

*[Signature]*

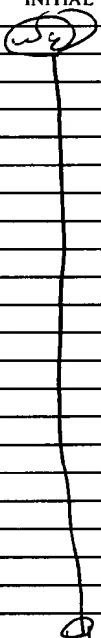
**APR 19 2005**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  Form PTO-1449	Docket Number	Application Number
	23453-012	09/460,708
	Applicant(s)	
	Michael ZIRNGIBL <i>et al.</i>	
	Filing Date	Group Art Unit
	December 14, 1999	2121-2129

### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	7A	5,923,736	07/13/99	Shachar			
	7B	5,924,068	07/13/99	Richard et al.			
	7C	5,926,789	07/20/99	Barbara et al.			
	7D	5,931,900	08/03/99	Notani et al.			
	7E	5,933,816	08/03/99	Zeanah et al.			
	7F	5,940,818	08/17/99	Malloy et al.			
	7G	5,943,395	08/24/99	Hansen			
	7H	5,943,399	08/24/99	Bannister et al.			
	7I	5,943,410	08/24/99	Shaffer et al.			
	7J	5,943,677	08/24/99	Hicks			
	7K	5,945,989	08/31/99	Freishtat et al.			
	7L	5,946,485	08/31/99	Weeren et al.			
	7M	5,946,666	08/31/99	Nevo et al.			
	7N	5,946,711	08/31/99	Donnelly			
	7O	5,948,040	09/07/99	DeLorme et al.			
	7P	5,950,165	09/07/99	Shaffer et al.			
	7Q	5,953,392	09/14/99	Rhie et al.			
	7R	5,953,406	09/14/99	LaRue et al.			
	7S	5,956,693	09/21/99	Geerlings			
	7T	5,960,437	09/28/99	Krawchuk et al.			
7U	5,963,641	10/05/99	Crandall et al.				
7V	5,970,124	10/19/99	Csaszar et al.				
7W	5,974,398	10/26/99	Hanson et al.				

RECEIVED

DEC 05 2003

Technology Center 2100

### FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
							YES	NO

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

WE	7X	MSTR024 - FRIEL <i>et al.</i> , "An Automated Stock Price Delivery System Based on the GSM Short Message Service, ICC'98 1998 IEEE International Conference on Communications, 1998, Abstract.
	7Y	MSTR025 - Microstrategy Products and Services, 1998.
	7Z	MSTR026 - Personalized Information Broadcast Server, 1998.
	7AA	MSTR027 - "Information Advantage Wins Product of the Year Award for Knowledge Management," Business Wire, March 4, 1998. Available in LEXIS, Nexis Library, ALLNWS file.

EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	DEC 10 2003
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Form PTO-1449

Docket Number	Application Number
23453-012	09/460,708
Applicant(s)	
Michael ZIRNGIBL <i>et al.</i>	
Filing Date	Group Art Unit
December 14, 1999	2121-2129

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J.E.	8A	5,974,406	10/26/99	Bisdikian et al.			
	8B	5,974,441	10/26/99	Rogers et al.			
	8C	5,978,766	11/02/99	Luciw			
	8D	5,978,796	11/02/99	Malloy et al.			
	8E	5,983,184	11/09/99	Noguchi			
	8F	5,987,586	11/16/99	Byers			
	8G	5,991,365	11/23/99	Pizano et al.			
	8H	5,995,945	11/30/99	Notani et al.			
	8I	5,996,006	11/30/99	Speicher			
	8J	5,999,526	12/07/99	Garland et al.			
	8K	6,003,009	12/14/99	Nishimura			
	8L	6,006,225	12/21/99	Bowman et al.			
	8M	6,011,579	01/04/00	Newlin			
	8N	6,012,066	01/04/00	Discount et al.			
	8O	6,012,083	01/04/00	Savitzky et al.			
	8P	6,014,427	01/11/00	Hanson et al.			
	8Q	6,014,428	01/11/00	Wolf			
	8R	6,016,335	01/18/00	Lacy et al.			
	8S	6,016,336	01/18/00	Hanson			
	8T	6,016,478	01/18/00	Zhang et al.			
	8U	6,018,710	01/25/00	Wynblatt et al.			
	8V	6,018,715	01/25/00	Lynch et al.			
	8W	6,021,181	02/01/00	Miner et al.			

**RECEIVED**

DEC 05 2003

Technology Center 2100

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

8X	MSTR028 - EMIGH, Jacqueline, "Information Builders, Inc. Launches WebFocus Suit," <u>Newbytes</u> , March 10, 1998. Available in Northern Light, <a href="http://www.northernlight.com">http://www.northernlight.com</a> , Doc. ID BS19980311010000172.
8Y	MSTR029 - MICROSTRATEGY: DSS Broadcaster - The Industry's First Information Broadcast Server, <u>M2 Presswire</u> , March 20, 1998. Available in DOW JONES INTERACTIVE <a href="http://www.djinteractive.com">http://www.djinteractive.com</a> .
8Z	MSTR030 - Microstrategy Introduces DSS Broadcaster - The Industry's First Information Broadcast Server, March 23, 1998. <a href="http://strategy.com/newsandevent/New/PressRelease/1998/broadcaster.htm">http://strategy.com/newsandevent/New/PressRelease/1998/broadcaster.htm</a> .

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.





<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  Form PTO-1449	Docket Number	Application Number
	23453-012	09/460,708
	Applicant(s)	
	Michael ZIRNGIBL <i>et al.</i>	
	Filing Date	Group Art Unit
	December 14, 1999	2121-2129

### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JL	9A	6,021,397	02/01/00	Jones et al.			
	9B	6,023,714	02/08/00	Hill et al.			
	9C	6,026,087	02/15/00	Mirashrafi et al.			
	9D	6,029,195	02/22/00	Herz			
	9E	6,031,836	02/29/00	Haserodt			
	9F	6,038,561	03/14/00	Snyder et al.			
	9G	6,044,134	03/28/00	De La Huerga			
	9H	6,047,327	04/04/00	Tso et al.			
	9I	6,055,513	04/25/00	Katz et al.			
	9J	6,055,514	04/25/00	Wren			
	9K	6,058,166	05/02/00	Osder et al.			
	9L	6,064,980	05/16/00	Jacobi et al.			
	9M	6,067,348	05/23/00	Hibbeler			
	9N	6,067,535	05/23/00	Hobson et al.			
	9O	6,078,924	06/20/00	Ainsbury et al.			
	9P	6,078,994	06/20/00	Carey			
	9Q	6,081,815	06/27/00	Spitznagel et al.			
	9R	6,094,651	07/25/00	Agrawal et al.			
	9S	6,094,655	07/25/00	Rogers et al.			
9T	6,101,241	08/08/00	Boyce et al.				
9U	6,101,443	08/08/00	Kato et al.				
9V	6,101,473	08/08/00	Scott et al.				
9W	6,108,686	08/22/00	Williams, Jr.				

**RECEIVED**

DEC 05 2003

Technology Center 2100

### FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	9X	MSTR031 - <u>Microstrategy Introduces DSS Broadcaster – The Industry's First Information Broadcast Server</u> , 3/23/98. <a href="http://www.strategy.com/newsandevents/News/PressReleases/1998/broadcaster.htm">http://www.strategy.com/newsandevents/News/PressReleases/1998/broadcaster.htm</a> .
	9Y	MSTR033 - Prospectus – 4,000,000 Shares Microstrategy Class A Common Stock, June 11, 1998.
	9Z	MSTR034 - "System for Telephone Access to Internet Applications – Uses Dial Tones and/or Voice with Interactive Voice Response Unit to Pass Request to Processor that Converts Requests to Communication Protocol Command Set," IBM, Patent No. RD 98412088. July 20, 1998, Abstract.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Form PTO-1449

Docket Number	Application Number
23453-012	09/460,708
Applicant(s)	
Michael ZIRNGIBL <i>et al.</i>	
Filing Date	Group Art Unit
December 14, 1999	2121-2129

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J2	10A	6,115,686	09/05/00	Chung et al.			
	10B	6,115,693	09/05/00	McDonough et al.			
	10C	6,119,095	09/12/00	Morita			
	10D	6,122,628	09/19/00	Castelli et al.			
	10E	6,122,636	09/19/00	Malloy et al.			
	10F	6,131,184	10/10/00	Weeren et al.			
	10G	6,134,563	10/17/00	Clancey et al.			
	10H	6,151,582	11/21/00	Huang et al.			
	10I	6,151,601	11/21/00	Papierniak et al.			
	10J	6,154,527	11/28/00	Porter et al.			
	10K	6,157,705	12/05/00	Perrone			
	10L	6,163,774	12/19/00	Lore et al.			
	10M	6,167,379	12/26/00	Dean et al.			
	10N	6,167,383	12/26/00	Henson			
	10O	6,173,266	01/09/01	Marx et al.			
	10P	6,173,310	01/09/01	Yost et al.			
	10Q	6,173,316	01/09/01	De Boor et al.			
	10R	6,181,935	01/30/01	Gossman et al.			
	10S	6,182,052	01/30/01	Fulton et al.			
	10T	6,182,053	01/30/01	Rauber et al.			
J	10U	6,182,153	01/30/01	Hollberg et al.			
	10V	6,185,558	02/06/01	Bowman et al.			
	10W	6,189,008	02/13/01	Easty et al.			

**RECEIVED**

DEC 05 2003

Technology Center 2100

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

J2	10X	MSTR035 - Relational OLAP Interface, Programmer's Reference and SDK Guide, Version 5.0, August 1998.
	10Y	MSTR036 - Data Warehouse Dossier, Fall 1998.
	10Z	MSTR037 - "Microstrategy Announces Enhanced Versions of DSS Web and DSS Server," October 26, 1998, <a href="http://www.strategy.com/NewsandEvents/news/pressreleases/1998/server5.5.htm">http://www.strategy.com/NewsandEvents/news/pressreleases/1998/server5.5.htm</a> .
	10AA	MSTR038 - System Guide DSS Web Version 5.5, February 1999.
	10BB	MSTR039 - Developer Guide DSS Web Version 5.5, February 1999.

EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	APR 10 2005
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	





**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Form PTO-1449

Docket Number	Application Number
23453-012	09/460,708
Applicant(s)	
Michael ZIRNGIBL <i>et al.</i>	
Filing Date	Group Art Unit
December 14, 1999	2424 2129

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J2	11A	6,199,082	03/06/01	Ferrel et al.			
	11B	6,201,948	03/13/01	Cook et al.			
	11C	6,203,192	03/20/01	Fortman			
	11D	6,215,858	04/10/01	Bartholomew et al.			
	11E	6,219,643	04/17/01	Cohen et al.			
	11F	6,223,983	05/01/01	Kjonaas et al.			
	11G	6,233,609	05/15/01	Mittal			
	11H	6,236,977	05/22/01	Verba et al.			
	11I	6,240,391	05/29/01	Ball et al.			
	11J	6,243,092	06/05/01	Okita et al.			
	11K	6,243,445	06/05/01	Begeja et al.			
	11L	6,246,981	06/12/01	Papineni et al.			
	11M	6,253,146	06/26/01	Hanson et al.			
	11N	6,256,659	07/03/01	McLain, Jr. et al.			
	11O	6,263,051	07/17/01	Saylor et al.			
	11P	6,269,336	07/31/01	Ladd et al.			
	11Q	2001/0012335	08/09/01	Kaufman et al.			
	11R	6,279,033	08/21/01	Selvarajan et al.			
	11S	6,279,038	08/21/01	Hogan et al.			
11T	6,286,030	09/04/01	Wenig et al.				
11U	6,289,352	09/11/01	Proctor				
11V	6,292,811	09/18/01	Clancey et al.				
11W	6,301,590	10/09/01	Siow et al.				

RECEIVED  
DEC. 05 2003  
Technology Center 2

**RECEIVED**

DEC 05 2003

Technology Center 2100

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

J3	11X	MSTR040 - Media Output Book, v2.0, February 16, 1999.
	11Y	MSTR041 - <i>Computer Telephony</i> , from <a href="http://www.telecomlibrary.com">www.telecomlibrary.com</a> - September 9, 1999
	11Z	MSTR042 - Frequently Asked Questions About DSS Web, printed February 23, 1999, <a href="http://www.strategy.com/products/Web/faq.htm">http://www.strategy.com/products/Web/faq.htm</a> .
	11AA	MSTR045 - Newswire, "Net Phones to Outsell Laptops by 2002", 02 December 1998, Dialog File #03635692.
	11BB	MSTR046 - RCR Radio Communications Report, "Comverse Developing Unified Applications for GSM Smartphone Marketplace", 23 February 1998, V. 17, No. 8, page 106, Dialog File #02078693.

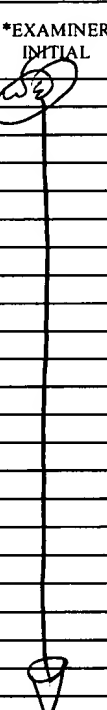
EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	APR 19 2000
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Form PTO-1449

Docket Number	Application Number
23453-012	09/460,708
Applicant(s)	
Michael ZIRNGIBL <i>et al.</i>	
Filing Date	Group Art Unit
December 14, 1999	<del>2121</del> 2129

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	12A	6,304,850	10/16/01	Keller et al.			
	12B	6,313,734	11/06/01	Weiss et al.			
	12C	6,314,402	11/06/01	Monaco et al.			
	12D	6,314,533	11/06/01	Novik et al.			
	12E	6,317,750	11/13/01	Tortolani et al.			
	12F	6,321,190	11/20/01	Bernardes et al.			
	12G	6,321,198	11/20/01	Hank et al.			
	12H	6,321,221	11/20/01	Bieganski			
	12I	6,327,343	12/04/01	Epstein et al.			
	12J	6,336,124	01/01/02	Alam et al.			
	12K	2002/0006126	01/17/02	Johnson et al.			
	12L	6,341,271	01/22/02	Salvo et al.			
	12M	6,360,139	03/19/02	Jacobs			
	12N	6,363,393	03/26/02	Ribitzky			
	12O	6,366,298	04/02/02	Haitsuka et al.			
	12P	6,385,191	05/07/02	Coffman et al.			
	12Q	6,385,301	05/07/02	Nolting et al.			
	12R	6,385,583	05/07/02	Ladd et al.			
	12S	6,389,398	05/14/02	Lustgarten et al.			
	12T	6,397,387	05/28/02	Rosin et al.			
	12U	2002/0065752	05/30/02	Lewis			
	12V	6,404,858	06/11/02	Farris et al.			
	12W	6,404,877	06/11/02	Bolduc et al.			

RECEIVED

DEC 05 2003

Technology Center 21

**RECEIVED**

DEC 05 2003

Technology Center 2100

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

WJ	12X	MSTR047 - America's Network, "Wireless Web Browsing: How Long Will Deployment Take? (There Will be 22 Mil Devices Other than PCs Accessing the Internet by 2000)", 15 December 1996, Vol. 100, No. 24, page 30+, Dialog File #01708089.
	12Y	MSTR048 - ADALI <i>et al.</i> , "Query Caching and Optimization in Distributed Mediator Systems", SIGMOD '96, 6/96, Montreal, Canada, pages 137-148.
	12Z	MSTR049 - ALUR <i>et al.</i> , "Directory-Driven Information Delivery", DataBase Associates Int'l, July 1996, printed from <a href="http://web.archive.org">http://web.archive.org</a> on 1/7/02, 12 pages.

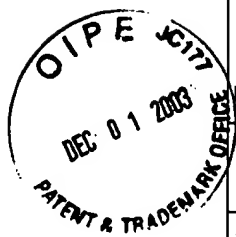
EXAMINER

DATE CONSIDERED

*Michael Z. Jr.*

**APR 19 2005**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Form PTO-1449

Docket Number	Application Number
23453-012	09/460,708
Applicant(s)	
Michael ZIRNGIBL <i>et al.</i>	
Filing Date	Group Art Unit
December 14, 1999	2424 2129

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
(JZ)	13A	6,405,171	06/11/02	Kelley			
	13B	6,412,012	06/25/02	Bieganski et al.			
	13C	6,438,217	08/20/02	Huna			
	13D	6,442,560	08/27/02	Berger et al.			
	13E	6,456,699	09/24/02	Burg et al.			
	13F	6,459,774	10/01/02	Ball et al.			
	13G	6,477,549	11/05/02	Hishida et al.			
	13H	6,480,842	11/12/02	Agassi et al.			
	13I	6,487,533	11/26/02	Hyde-Thomson et al.			
	13J	6,490,593	12/03/02	Proctor			
	13K	6,493,685	12/10/02	Ensel et al.			
	13L	6,496,568	12/17/02	Nelson			
	13M	6,501,832	12/31/02	Saylor et al.			
	13N	6,507,817	01/14/03	Wolfe et al.			
	13O	6,513,019	01/28/03	Lewis			
	13P	6,539,359	03/25/03	Ladd et al.			
	13Q	6,549,612	04/15/03	Gifford et al.			
	13R	6,567,796	05/20/03	Yost et al.			
	13S	6,578,000	06/10/03	Dodrill et al.			
	13T	6,587,547	07/01/03	Zirngibl et al.			
	13U	6,606,596	08/12/03	Zirngibl et al.			

**RECEIVED**

DEC 05 2003

Technology Center 2100

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

(JZ)	13V	MSTR050 - CHAWATHE <i>et al.</i> , "Representing and Querying Changes in Semistructured Data", Proceedings of the 14 <sup>th</sup> International Conference on Data Engineering, IEEE, February 23-27, 1998, pages 4-13.
	13W	MSTR051 - CODD <i>et al.</i> , "Providing OLAP (On-line Analytical Processing) to User-Analysts; an IT Mandate", San Jose, California, Codd and Date, 1993, 1 page.
	13X	MSTR052 - FLOHR, "Using Web-Based Applications to Perform On-Line Analytical Processing Builds on the Strengths of Both Technologies", <u>OLAP by Web</u> , September 1997, 8 pages.
(JZ)	13Y	MSTR053 - GESMANN <i>et al.</i> , "A Remote Cooperation System Supporting Interoperability in Heterogeneous Environments", Proceedings of the Third International Workshop on Research Issued in Data Engineering, IEEE, April 19-20, 1993, pages 152-160.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



APR 10 2004

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  Form PTO-1449	Docket Number	Application Number
	23453-012	09/460,708
	Applicant(s)	
	Michael ZIRNGIBL <i>et al.</i>	
	Filing Date	Group Art Unit
	December 14, 1999	2121 2121

**RECEIVED**

DEC 05 2003

**U.S. PATENT DOCUMENTS**

Technology Center 2100

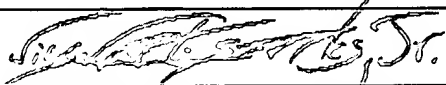
*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
							YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

14A	MSTR054 - HACKATHORN, "Solutions to Overworked Networks and Unruly Software Distribution are Just Part of P&S.", <u>Publish or Perish</u> , September 1997, 21 pages.
14B	MSTR055 - LISCANO <i>et al.</i> , "Integrating Multi-Modal Messages across Heterogeneous Networks", IEEE, 1997, pages 45-53, Abstract.
14C	MSTR056 - LIU <i>et al.</i> , "Differential Evaluation of Continual Queries", Proceedings of the 16 <sup>th</sup> International Conference on Distributed Computing Systems, IEEE, May 27-30, 1996, pages 458-465.
14D	MSTR057 - NEWING, "Relational Databases Are Not Suitable for Management Information Systems: And That's Official!", <u>Management Accounting</u> , London, Volume 72, No. 8, September 1994, 4 pages.
14E	MSTR058 - RADEN, "Teraforming the Data Warehouse", Archer Decision Sciences, printed from <a href="http://www.archer-decision.com">http://www.archer-decision.com</a> on 1/16/02, 13 pages.
14F	MSTR059 - SCHREIER <i>et al.</i> , Alert: An Architecture for Transforming a Passive DBMS into an Active DBMS", Proceedings of the 17 <sup>th</sup> International Conference on Very Large Data Bases, September 3-6, 1991, pages 469-478.
14G	MSTR060 - SCHULTZ, "ADEPT - The Advanced Database Environment for Planning and Tracking", <u>Bell Labs Technical Journal</u> , July-September 1998, pages 3-9.
14H	MSTR061 - SPOFFORD, "Attack of the Killer APIs", Intelligent Enterprise's Database Online Programming and Design, printed from <a href="http://www.dbpd.com">http://www.dbpd.com</a> on 12/21/01, 10 pages.
14I	MSTR062 - STONEBRAKER <i>et al.</i> , "On Rules, Procedures, Caching and Views in Data Base Systems", Proceedings of the 1990 ACM SIGMOD International Conference on Management of Data, May 23-25, 1990, pages 281-290.
14J	MSTR063 - TERRY <i>et al.</i> , "Continuous Queries over Append-Only Databases", Proceedings of the 1992 ACM SIGMOD International Conference on Management of Data, June 2-5, 1992, pages 321-330.
14K	MSTR064 - Search Results from Internet Archive Wayback Machine, searched for <a href="http://www.infoadvan.com">http://www.infoadvan.com</a> , printed from <a href="http://web.archive.org">http://web.archive.org</a> on 12/19/01, 40 pages.
14L	MSTR065 - Search Results from Internet Archive Wayback Machine, searched for <a href="http://www.platinum.com">http://www.platinum.com</a> , printed from <a href="http://web.archive.org">http://web.archive.org</a> on 12/21/01, 17 pages.
14M	MSTR066 - ROLAP Case Studies, 30 pages (no earlier than September 1997).
14N	MSTR067 - "Fast and Flexible Access to Databases", <u>Byte</u> , August 1997, pages 53-54.

EXAMINER	DATE CONSIDERED
	APR 10 2003
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	



**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Form PTO-1449

Docket Number	Application Number
23453-012	09/460,708
Applicant(s)	
Michael ZIRNGIBL <i>et al.</i>	
Filing Date	Group Art Unit
December 14, 1999	2421 2129

**RECEIVED**

DEC 05 2003

Technology Center 2100

**U.S. PATENT DOCUMENTS**

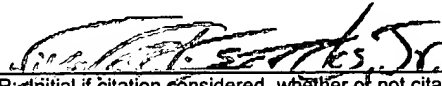
*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

15A	MSTR068 - "Distributed Application Development with PowerBuilder 6.0", Manning Publications Co., printed from <a href="http://www.manning.com">http://www.manning.com</a> on 1/15/02, 12 pages.
15B	MSTR069 - "PowerBuilder 6.0 Questions & Answers", Manning Publications Co., printed from <a href="http://www.manning.com">http://www.manning.com</a> on 1/15/02, 13 pages.
15C	MSTR070 - "PowerBuilder 6.0 Questions & Answers", Manning Publications Co., printed from <a href="http://www.manning.com">http://www.manning.com</a> on 1/17/02, 2 pages.
15D	MSTR071 - CHESHIRE, "Product News - A Sea of Opportunity", Intelligent Enterprise's Database Online Programming and Design, printed from <a href="http://www.dbpd.com">http://www.dbpd.com</a> on 1/17/02, 6 pages.
15E	MSTR072 - "Information Advantage - Business Intelligence", "Live Information Repository...", printed from <a href="http://www.infoadvan.com">http://www.infoadvan.com</a> , on 12/19/01, 5 pages.
15F	MSTR073 - "Objective Data Inc. - Computer Software Consultants", Client List, printed from <a href="http://objectivedata.com/clients.htm">http://objectivedata.com/clients.htm</a> on 1/15/02, 5 pages.
15G	MSTR074 - "Online Analytical Processing", printed from <a href="http://searchdatabase.techtarget.com">http://searchdatabase.techtarget.com</a> on 1/18/02, 3 pages.
15H	MSTR075 - "Seagate Crystal Reports 8", printed from <a href="http://www.crystaluser.com">http://www.crystaluser.com</a> on 12/28/01, 6 pages.
15I	MSTR076 - "Andyne Delivers Personal OLAP with PaBLO 4.0", Press Release, March 31, 1997, Andyne Computing Limited, 5 pages.
15J	MSTR077 - "Andyne Announces Support for Microsoft's OLE DB for OLAP", Press Release, September 10, 1997, Andyne Computing Limited, 4 pages.
15K	MSTR078 - "Andyne QMO - Manage Data Access", Andyne Computing, printed from <a href="http://web.archive.org">http://web.archive.org</a> on 1/3/02, 5 pages.
15L	MSTR079 - "The Andyne Vision - On the Road to the Integrated Solution", Andyne Computing, printed from <a href="http://web.archive.org">http://web.archive.org</a> on 1/3/02, 11 pages.
15M	MSTR080 - "Visual Information Access for Multidimensional Companies...", Andyne Corporate Profile, 2 pages, © 1996.
15N	MSTR081 - "MicroStrategy Announces DSS Web 5.0; DSS Web Introduces the Web-Cast of Decision Support", MicroStrategy, January 5, 1998, printed 12/10/01, 2 pages.
15O	MSTR082 - "MicroStrategy Introduces DSS Web Standard Edition; Web Interface Provides powerful, Easy-to-Use DSS Tool for Mainstream End-User Market", MicroStrategy, April 27, 1998, printed 12/10/01, 2 pages.

EXAMINER	DATE CONSIDERED
	APR 19 2005
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	





<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  Form PTO-1449	Docket Number	Application Number
	23453-012	09/460,708
	Applicant(s)	
	Michael ZIRNGIBL <i>et al.</i>	
	Filing Date	Group A
	December 14, 1999	2421- 2129

**RECEIVED**

DEC 05 2003

**U.S. PATENT DOCUMENTS**

Technology Center 2100

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
							YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

5	16A	MSTR083 - "MicroStrategy Advantages: Proven Multi-Tier Architecture", printed from <a href="http://web.archive.org">http://web.archive.org</a> , 4 pages, © 1995.
	16B	MSTR084 - "MicroStrategy 'Consumerizes' the Data Warehouse with Its New 4.0 Product Line", Press Release, June 24, 1996, MicroStrategy, printed from <a href="http://web.archive.org">http://web.archive.org</a> on 12/8/01, 7 pages.
	16C	MSTR085 - "MicroStrategy Announces DSS Server 3.0", Press Release, August 8, 1995, MicroStrategy, printed from <a href="http://web.archive.org">http://web.archive.org</a> on 12/8/01, 5 pages.
	16D	MSTR086 - "MicroStrategy Announces True Relational OLAP Product Line", Press Release, August 8, 1995, MicroStrategy, printed from <a href="http://web.archive.org">http://web.archive.org</a> on 12/8/01, 5 pages.
	16E	MSTR087 - "DSS Administrator Features Overview", MicroStrategy, No. 05090297, 2 pages, © 1996, 1997.
	16F	MSTR088 - "DSS Agent Features Overview", MicroStrategy, No. 05100896, 2 pages, © 1996.
	16G	MSTR089 - "DSS Server Features Overview", MicroStrategy, No. 05140896, 2 pages, © 1996.
	16H	MSTR090 - "Relational OLAP Interface", DSS Agent, MicroStrategy, 22 pages and 20 pages (no earlier than 1996).
	16I	MSTR091 - "Relational OLAP Interface for the Web", MicroStrategy DSS Web Brochure, 4 pages, © 1995.
	16J	MSTR092 - "Data Warehouse and DSS Management Tools", DSS Administrator, MicroStrategy, 16 pages, © 1996, 1997.
	16K	MSTR093 - "OLE API for Custom Application Development", DSS Objects, MicroStrategy, 4 pages, © 1996.
	16L	MSTR094 - "Arbor Software OLAP Products", Brochure, Arbor Software, 12 pages, © 1998.
	16M	MSTR095 - "InfoTrac OneFile", <u>Database Programming &amp; Design</u> , Volume 11, No. 7, July 1998, 12 pages.
	16N	MSTR096 - "Andyne GQL Version 3.3.2 Available July 17 <sup>th</sup> "; Featuring Multi-Pass Reporting, Time Governors and Scripting", <u>Business Wire</u> , June 26, 1995, Andyne Computing Limited, 4 pages.
	16O	MSTR097 - "MicroStrategy Announces DSS Server 3.0; Three-Tier Architecture Results in Exceptional Performance and Scalability for DSS Applications", <u>Business Wire</u> , August 8, 1995, MicroStrategy, 3 pages.
16P	MSTR098 - "Information Advantage Ships DecisionSuite 3.0 Business Analysis Applications for Data Warehouses", <u>Business Wire</u> , November 9, 1995, 3 pages.	

EXAMINER	DATE CONSIDERED
	APR 19 2005
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Form PTO-1449

Docket Number	Application Number
23453-012	09/460,708
Applicant(s)	
Michael ZIRNGIBL <i>et al.</i>	
Filing Date	Group A Prior Art
December 14, 1999	2121 2129

**RECEIVED**

DEC 05 2003

**U.S. PATENT DOCUMENTS**

Technology Center 2100

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

17A	MSTR099 - "Information Advantage Announces WebOLAP; First Structured Content analysis Server for the World Wide Web", <u>Business Wire</u> , February 5, 1996, 3 pages.
17B	MSTR100 - "Andyne Delivers Second Stage of the Andyne Integrated Solution", <u>Canada NewsWire</u> , May 13, 1996, 3 pages.
17C	MSTR101 - "Andyne Computing Ltd is Shipping Version 3.3.2 of Its GQL Decision Support System", <u>CommunicationsWeek</u> , No. 566, July 17, 1995, page 16.
17D	MSTR102 - "Andyne Computing Introduces New Query Management Option as Companion Product to Andyne's GQL Product", <u>CommunicationsWeek</u> , No. 592, January 15, 1996, page 16.
17E	MSTR103 - "Andyne Hopes to Benefit from Current Data Warehousing Hype with GQL Query Language", <u>Computergram International</u> , No. 2798, November 22, 1995, 1 page.
17F	MSTR104 - "Andyne's GQL Makes It Easier - New Version of Reporting, Analysis Tool Unveiled", <u>Computer Reseller News</u> , No. 685, May 27, 1996, page 79.
17G	MSTR105 - "The Right Tools", <u>Computer Weekly</u> , August 29, 1996, 4 pages.
17H	MSTR106 - "4 OLAP Tools; The Common Thread is that OLAP Tools Drain Too Much Time and Energy Before You Get What You Need", <u>Computerworld</u> , December 2, 1996, 4 pages.
17I	MSTR107 - "GQL", <u>Data Management Review (DM Review)</u> , Volume 6, No. 5, May 1996, page 47.
17J	MSTR108 - "DB2 Today Newsletter", June 1999, 2 pages.
17K	MSTR109 - "GQL 3.2", <u>DBMS</u> , Volume 8, No. 1, January 1995, 2 pages.
17L	MSTR110 - "Everything's Coming Up Warehouse", <u>DBMS</u> , October 1, 1995, 3 pages.
17M	MSTR111 - "Query, Reporting, and Analysis Tools", <u>DBMS</u> , Volume 9, No. 6, June 15, 1996, 14 pages.
17N	MSTR112 - BROOKS, "MCI Leverages Data Warehouse Technology to Strengthen its Marketing Campaigns", <u>DBMS</u> , December 1996, 7 pages.
17O	MSTR113 - DOBSON, "Data Binding in Dynamic HTML", <u>DBMS</u> , March 1998, 12 pages.
17P	MSTR114 - DODD, "Native is as Native Does", <u>HP Professional</u> , Volume 12, No. 12, February 1998, 1 page.
17Q	MSTR115 - "Banking's New Payoff: Speed", <u>InformationWeek</u> , January 17, 1994, 3 pages.
17R	MSTR116 - "Nailing Down More Query Tools", <u>InformationWeek</u> , Volume 523, April 17, 1995, 7 pages.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  Form PTO-1449	Docket Number	Application Number
	23453-012	09/460,708
	Applicant(s)	
	Michael ZIRNGIBL <i>et al.</i>	
	Filing Date	Group Art Unit
	December 14, 1999	2121- 7129

RECEIVED

DEC 05 2003

## U.S. PATENT DOCUMENTS

Technology Center 2100

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

18A	MSTR117 - RADEN, "Data, Data Everywhere", <u>Information Week</u> , October 30, 1995, pages 60-65.
18B	MSTR118 - "Back-to-Back Upgrades - Vendors Introduce Reporting, Query Tools", <u>InformationWeek</u> , No. 598, September 23, 1996, 1 page.
18C	MSTR119 - "Desktop OLAP Tools - If the Tool Fits, Use It - Online Analytical Processing Tools Offer Ease of Use for Data Retrieval and Analysis with Minimal User Training", <u>InformationWeek</u> , No. 605, November 11, 1996, 3 pages.
18D	MSTR120 - "Pilot Gets Serious About OLAP", <u>Information Week</u> , July 20, 1998, pages 55-59.
18E	MSTR121 - "Oracle Announces Next Generation Oracle Express Server 6.0", <u>M2 Presswire</u> , August 7, 1996, 5 pages.
18F	MSTR122 - "Andyne Updates GQL", <u>Newsbytes</u> , July 12, 1994, 1 page.
18G	MSTR123 - "Andyne Computing Has Released Version 3.2.2 of Its GQL Query Software for Macintosh, Windows and Unix Platforms", <u>Newsbytes News Network</u> , July 12, 1994, 4 pages.
18H	MSTR124 - "Data Access is Key to Warehousing Success", <u>Open Systems Today</u> , October 3, 1994, 2 pages.
18I	MSTR125 - PHILLIPS, "Crystal Eyes OLAP Engine", <u>PC Week</u> , Volume 13, No. 4, January 29, 1996, 3 pages.
18J	MSTR126 - DYCK, "New Report Writer Spruces Up GQL", <u>PC Week</u> , Volume 14, No. 3, January 20, 1997, 1 page.
18K	MSTR127 - "New Decision Suite 3.0 From Information Advantage Raises the Bar for Enterprise Decision Support", <u>NewsWire</u> , August 8, 1995, 3 pages.
18L	MSTR128 - "Andyne's Intranet Strategy Brings DSS to the Web; Company Aims to Dramatically Broaden Scope of Reporting, Online Analysis", <u>PR Newswire</u> , September 18, 1996, 11 pages.
18M	MSTR129 - "NCR Adds OLAP Services to Extend and Expand Decision Support Capabilities of Teradata Database", <u>PR Newswire</u> , May 28, 1998, 3 pages.
18N	MSTR130 - "DecisionSuite 3.5", <u>SoftBase</u> , September 12, 1996, 2 pages.
18O	MSTR131 - "IBM Acquires ITI's KnowledgeX Technology to Enhance Business Intelligence Solutions", <u>Software News</u> , July 23, 1998, 1 page.
18P	MSTR132 - "Microstrategy Talks Crystal Balls", <u>Software Futures</u> , April 1, 1997, 4 pages.
18Q	MSTR133 - "Document Agent Administrator's Guide", Revision 3, BusinessObjects, Version 4.0, pages 1-29, © 1996.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  Form PTO-1449				Docket Number		Application Number	
				23453-012		09/460,708	
				Applicant(s)			
				Michael ZIRNGIBL <i>et al.</i>			
Filing Date				Group Art Unit		<b>RECEIVED</b> DEC 05 2003	
December 14, 1999				2121 2129			
<b>U.S. PATENT DOCUMENTS</b> <span style="float: right;">Technology Center 2100</span>							
*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	19A	MSTR134 - "Document Agent Server Administrator's Guide", Revision 4, BusinessObjects, Version 4.1, pages 1-33, © 1996, 1997.					
	19B	MSTR135 - "Getting Started with Reports", Revision 2, BusinessObjects, Version 4.0, pages 1-53, © 1996.					
	19C	MSTR136 - "Getting Started with Reports", Revision 3, BusinessObjects, Version 4.1, pages 1-53, © 1997.					
	19D	MSTR137 - "User's Guide", Revision 3, BusinessObjects, Version 4.0, pages 1-251, © 1996.					
	19E	MSTR138 - "User's Guide", Revision 4, BusinessObjects, Version 4.1, pages 1-287, © 1997.					
	19F	MSTR139 - "United EasyUpdate", United Airlines, printed from <a href="http://www.ual.com/page/article/0,1360,1974,00.html">http://www.ual.com/page/article/0,1360,1974,00.html</a> , printed 11/30/2002, 4 pages.					
	19G	MSTR140 - General Magic, Inc. website, printed from <a href="http://www.genmagic.com">http://www.genmagic.com</a> , printed 11/30/2002, 16 pages.					
	19H	MSTR142 - LEHNER, Wolfgang, "Modeling Large Scale OLAP Scenarios", University of Erlangen-Nuremberg, Dept. of Database Systems, Germany, 1998, pages 1-15.					
	19I	MSTR143 - "Sybase Announces General Availability of Warehouse Studio", <u>PR Newswire</u> , New York, June 23, 1998, two pages.					
	19J	MSTR148 - MicroStrategy: "MicroStrategy Announces the General Availability of DSS Broadcaster", <u>Business Wire</u> , 11 August 1998, Proquest #32759243.					
	19K	MSTR149 - Intrepid Systems: "Intrepid Systems to Integrate DSS Broadcaster with Its "DecisionMaster" Decision Support Solution; Non-PC Users Benefit from Receiving High-Impact, Mission Critical Information", <u>Business Wire</u> , 11 August 1998, Proquest #32760823.					
	19L	MSTR150 - MicroStrategy: "MicroStrategy's DSS Broadcaster Supports Personal Digital Assistants and Advanced Wireless Data Devices", <u>Business Wire</u> , 08 September 1998, Proquest #33719588.					
	19M	MSTR151 - MILLS, Mike, "Putting the Internet in Your Hand; Nokia's Phone/Palmtop Computer Offers a Glimpse of the Future", <u>The Washington Post</u> , 29 June 1998, Proquest #30839088.					
	19N	MSTR152 - Spyglass Prism Concepts and Applications, 1997, Spyglass, Inc., pages 1-8.					
	19O	MSTR153 - Spyglass White Paper; Spyglass Product Strategy: Making Devices work with the Web, 1997, Spyglass, Inc., pages 1-9.					
19P	MSTR154 - KANE, Margaret, "Microsoft Acquires Hotmail", <u>ZDNet News</u> , December 30, 1997, 2 pages.						

EXAMINER	DATE CONSIDERED
	<b>APR 10 2003</b>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	



U.S. PATENT DOCUMENTS

RECEIVED  
DEC 05 2003  
Technology Center 2100

[illegible][illegible]RES 105964v1